

## Minimum Eligibility Criteria for PhD Programmes

[Semester I, 2025-26]

### Institute Eligibility Criteria

“Minimum of 55% marks (50% marks for SC/ST/PwD) or 5.5 CPI (5.0 CPI for SC/ST/PwD) in postgraduate degree programme or in 4-years bachelor degree programme in appropriate branches”. Above\ mentioned eligibility criteria is minimum at Institute level. The department-wise eligibility criteria is given in the table below. The departments may also use higher cut-off levels for shortlisting besides giving due consideration to the way questions are answered in the application form. Candidates belonging to SC/ST/PwD categories would be eligible for relaxations, as per norms, in the selection criteria.

### Department Specific Eligibility Criteria

Department	Eligible Qualifying Degree
<b>BIOLOGICAL SCIENCES &amp; ENGINEERING</b>	<ul style="list-style-type: none"><li>• MSc/MS/BS-MS/BS (4-year) (Biosciences / Biochemistry / Chemistry / Biophysics / Physics/ Zoology / Botany / Biotechnology / or a closely related area)</li><li>• BTech/MTech/MPharm (Biotechnology / Bioinformatics / Biomaterials / Biological Engineering / Biochemical Engineering / Biomedical Engineering / Bioengineering or a closely related area)</li><li>• B.Pharm (4-year)/M.Pharm</li></ul>
<b>CHEMICAL ENGINEERING</b>	<ul style="list-style-type: none"><li>• BE/BTech/ME/MTech/MS or equivalent degree in Chemical Engineering/ Biotechnology/ Bioengineering/ Food technology/ Food Engineering/Safety Engineering/Polymer Science and Engineering/ Nanotechnology /Textile Engineering/ Mechanical Engineering/ Metallurgical and Materials Engineering/ Ceramic Engineering/Energy Systems &amp; Engineering/ Instrumentation and Control/ Engineering Physics/Applied Mechanics/Energy Science and Engineering and allied branches.</li></ul>

	<ul style="list-style-type: none"> <li>• M.Pharm/ MS(Pharm)/ MTech(Pharm)</li> <li>• MSc in Physics/Chemistry/Biotechnology/Bioinformatics and allied branches</li> </ul>
<b>CHEMISTRY</b>	<ul style="list-style-type: none"> <li>• MSc or 4-year BS in (General Chemistry/Inorganic Chemistry/Analytical Chemistry/ Organic Chemistry/Physical Chemistry/ Biochemistry/ Bioinformatics/ Computational Biology/Applied Chemistry/ Biological sciences/ Chemical Technology),</li> <li>• M. Pharm (Medicinal Chemistry or Computational Chemistry) or equivalent degree and related programs.</li> </ul>
<b>CIVIL ENGINEERING</b>	<ul style="list-style-type: none"> <li>• BE/BTech/ME/MTech or equivalent degree in Civil Engineering or closely related field.</li> </ul>
<b>COGNITIVE &amp; BRAIN SCIENCE</b>	<ul style="list-style-type: none"> <li>• BE/BTech/BS(4 years)/MTech/MSc/MA or equivalent degree</li> </ul>
<b>COMPUTER SCIENCE AND ENGINEERING</b>	<ul style="list-style-type: none"> <li>• BE/BTech/MTech/ME/MS/MSc or equivalent degree in CS/EC/EE/ Mathematics/Physics/Bioinformatics related areas</li> <li>• 4 year BS, BS-MS in the CSE</li> </ul>
<b>HUMANITIES AND SOCIAL SCIENCES</b>	<ul style="list-style-type: none"> <li>• MA or equivalent</li> <li>• BTech/MTech/MSc or equivalent</li> </ul>
<b>EARTH SCIENCES</b>	<ul style="list-style-type: none"> <li>• BTech/BS(4-yr)/MSc/MA/MTech in either of the following course - Geology, Geophysics, Remote Sensing, Geography, Natural Sciences, Earth Sciences, Environmental Sciences, Remote Sensing/GIS/Geomatics, Hydrology, Civil Engineering or related subjects.</li> </ul>

<p><b>ELECTRICAL ENGINEERING</b></p>	<ul style="list-style-type: none"> <li>• BE/BTech/ME/MTech or Equivalent degree in the broad area of Electrical and/or Electronics engineering,</li> <li>• BE/BTech/ME/MTech or Equivalent degree in other branches of Engineering may be considered in areas consistent with the research areas of the discipline,</li> <li>• MSc in disciplines consistent with the research areas of the discipline.</li> </ul>
<p><b>MECHANICAL ENGINEERING</b></p>	<ul style="list-style-type: none"> <li>• BE/BTech/ME/MTech/MS or equivalent degree in Mechanical Engineering</li> <li>• BE/BTech/ME/MTech/MS degree or equivalent in Chemical Engineering/Electrical and/or Electronics Engineering/ Production Engineering/Industrial Engineering and/or Design/ Aerospace and/or Aeronautical Engineering/ Civil and/or Structural Engineering/ Instrumentation and Control/ Metallurgical and/or Materials Engineering/ Engineering Physics/Applied Mechanics/ Ocean Engineering and/or Naval Architecture/ Engineering Design/ Biotechnology and/or Bio Engineering/ Energy Science and Engineering/ Nuclear Engineering/ Polymer Science and/or Engineering/ Textile Engineering/</li> <li>• MSc or equivalent degree in Physics/Mathematics</li> <li>• BE/BTech/ME/MTech/MS/MSc Degree in other branches of Engineering/Technology/Sciences with an outstanding academic record may also be\ considered for research areas consistent with their academic background and special interests of the discipline</li> </ul>
<p><b>MATERIALS ENGINEERING</b></p>	<ul style="list-style-type: none"> <li>• B.E. / B. Tech. / M. Tech. / M.S. or equivalent degree in Materials Science /Materials Engineering / Metallurgical Engineering / Mechanical Engineering/Manufacturing Engineering / Polymer Engineering / Ceramic Engineering / Biological Engineering / Chemical Engineering / Electrical Engineering/ Electronics Engineering / Physics / Chemistry / Biotechnology / Nanotechnology / Food science / Marine Engineering / Applied Mechanics or any other related program.</li> <li>• BE/BTech/ME/MTech/MS/MSc Degree in other branches of Engineering/ Technology/ Sciences with an outstanding academic record may also be considered for research areas</li> </ul>

	consistent with their academic background and special interests of the discipline.
<b>MATHEMATICS</b>	<ul style="list-style-type: none"> <li>• M.A./M.Sc.(or equivalent) in Mathematics/Statistics</li> <li>• BE/BTech (or equivalent)</li> <li>• BS (4-year), BS-MS</li> </ul>
<b>PHYSICS</b>	<ul style="list-style-type: none"> <li>• MSc (in Physics, Applied Physics, Mathematics, Statistics, Comp. Science),</li> <li>• BS-MS / Integrated MSc in Physics / Engg. Physics / Mathematics and MTech (in related areas of Physics)</li> <li>• BE / BTech / BS (4-year) in Engineering Physics or related areas</li> </ul>